

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/556,640  
Source: PCT  
Date Processed by STIC: 11/21/2005

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.2.2 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

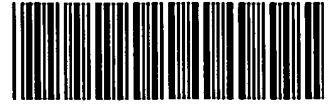
Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>**> , **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):**  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05



FOJ

## RAW SEQUENCE LISTING

DATE: 11/21/2005

PATENT APPLICATION: US/10/556,640

TIME: 15:10:57

Input Set : N:\SMITH\PTO.TS1.txt

Output Set: N:\CRF4\11212005\J556640.raw

3 &lt;110&gt; APPLICANT: PENG, Zhaohui etc.

5 &lt;120&gt; TITLE OF INVENTION: Recombinant gene Medicine of Adenovirus Vector and P53 gene for eating

6 Proliferative Diseases

8 &lt;130&gt; FILE REFERENCE: CPS41234

-&gt; 10 &lt;140&gt; CURRENT APPLICATION NUMBER: US/10/556,640

-&gt; 12 &lt;141&gt; CURRENT FILING DATE: 2005-11-10

14 &lt;150&gt; PRIOR APPLICATION NUMBER: CN03125129.3

16 &lt;151&gt; PRIOR FILING DATE: 2003-05-10

18 &lt;160&gt; NUMBER OF SEQ ID NOS: 1

20 &lt;170&gt; SOFTWARE: PatentIn version 3.1

Does Not Comply  
Corrected Diskette Needed

(pg-1,2)

## RORED SEQUENCES

22 &lt;210&gt; SEQ ID NO: 1

24 &lt;211&gt; LENGTH: 2848

26 &lt;212&gt; TYPE: DNA

-&gt; 28 &lt;213&gt; ORGANISM: Artificial sequence

-&gt; 30 &lt;220&gt; FEATURE:

-&gt; 30 &lt;223&gt; OTHER INFORMATION:

-&gt; 30 &lt;400&gt; 1

31 atgtttaccg ccacactcgc agggctctgca cctgggtgcgg gtctcatcgt acctcagcac 60  
 33 cttccagatc tctgacatgc gatgtcgact cgactgcttc gcgatgtacg ggccagatat 120  
 35 acgcgtatct gaggggacta ggggtgtgttt aggcgaaaag cggggcttcg gttgtacgcg 180  
 37 gttaggagtc ccctcaggat atagtagttt cgcttttgca tagggagggg gaaatgtagt 240  
 39 cttatgcaat actctttagt tcttgcaaca tggtaacgat gagttagcaa catgccttac 300  
 41 aaggagagaa aaagcaccgt gcatgccgat tgggtggaagt aagggtggtac gatcgtgcct 360  
 43 tattaggaag gcaacagacg ggtctgacat ggattggacg aaccactgaa ttccgcattg 420  
 45 cagagatatt gtattttaagt gcctagctcg atacaataaa cgccatttga ccattcacca 480  
 47 cattgggtgtg cacctccaag cttggtaccg agctcggatc ccgctagagc caccgtccag 540  
 49 ggagcaggta gctgctgggc tccggggaca ctttgcgttc gggctgggag cgtctttcca 600  
 51 cgacggtgac acgcttcctt ggattggcag ccagactgct ttccgggtca ctgccatgga 660  
 53 ggagccgcag tcagatccta gcgtcgagcc ccctctgagt caggaaacat ttccagacct 720  
 55 atggaaacta cttcctgaaa acaacgttct gtcccccttg ccgtcccaag caatggatga 780  
 57 tttgatgctg tccccggacg atattgaaca atggttcaat gaagaccag gtccagatga 840  
 59 agtccccaga atgccagagg ctgctcccc cgtggccctt gcaccagcag ctctacacc 900  
 61 ggcggccctt gcaccagccc cctcctggcc cctgtcatct tctgtccctt cccagaaaac 960  
 63 ctaccagggc agctacgggt tccgtctggg cttcttgcatt tctgggacag ccaagtctgt 1020  
 65 gacttgacag tactccccct ccctcaacaa gatgttttgc caactggcca agacctgccc 1080  
 67 tgtgcagctg tgggttgatt ccacaccccc gcccggcacc cgcgtccgcg ccatggccat 1140  
 69 ctacaagcag tcacagcaca tgacggaggt tgtgagggcg tgccccacc atgagcgctg 1200  
 71 ctccagatagc gatggtcttg cccctcctca gcatcttacc cgagtggaa gaaatttgcg 1260  
 73 tgtggagtat ttggatgaca gaaacacttt tcgacatagt gtggtggtgc cctatgagcc 1320

Mandatory Response  
for 2137 if organism  
is Artificial on line 2237.  
Pls see Error Explanation  
on pg-3.

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Input Set : N:\SMITH\PTO.TS1.txt

Output Set: N:\CRF4\11212005\J556640.raw

```

75 gcctgaggtt ggctctgact gtaccacccat ccactacaac tacatgtgta acagttcctg 1380
77 catgggcggc atgaaccgga ggcccatcct caccatcatc aactggaag actccagtgg 1440
79 taatctactg ggacggaaca gctttgaggt gcgtgtttgt gcctgtcctg ggagagaccg 1500
81 gcgcacagag gaagagaatc tccgcaagaa aggggagcct caccacgagc tgccccccagg 1560
83 gagcactaag cgagcactgc ccaacaacac cagctcctct cccagccaa agaagaaacc 1620
85 actggatgga gaatatattca cccttcagat ccgtgggcgt gagcgcttcg agatgttccg 1680
87 agagctgaat gaggccttgg aactcaagga tgcccaggct gggaaggagc caggggggag 1740
89 cagggctcac tccagccacc tgaagtccaa aaagggtcag tctacctccc gccataaaaa 1800
91 actcatgttc aagacagaag ggctgactc agactgacat tctccacttc ttgttcccca 1860
93 ctgacagcct cccaccccca tctctccctc ccctgccatt ttgggttttg ggtctttgaa 1920
95 cccttgcttg caataggtgt gcgtcagaag caccaggac ttccatttgc tttgtcccgg 1980
97 ggctccactg aacaagttgg cctgcactgg tgttttgttg tggggaggag gatggggagt 2040
99 aggacatacc agcttagatt ttaaggtttt tactgtgagg gatgtttggg agatgtaaga 2100
101 aatgttcttg cagttaaggg ttagtttaca atcagccaca ttctaggtag gggccacttc 2160
103 accgtactaa ccagggaagc tgtccctcac tgttgaattt tctctaactt caaggcccat 2220
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107 agtgcattgt gagggttaat gaaataatgt acatctggcc ttgaaaccac cttttattac 2340
109 atggggctta gcgggatcca ctagtaacgc cgccagtgtg ctggaattct gcagatatcc 2400
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113 ttctagttgc cagccatctg ttgtttgccc ctccccctg ccttccttga ccctggaagg 2520
115 tgccactccc actgtccttt cctaataaaa tgaggaaatt gcatcgcat gtctgagtag 2580
117 gtgtcattct attctggggg gtgggggtgg gcaggacagc aagggggagg attgggaaga 2640
119 caatagcagg catgctgggg atgcgggtgg ctctatggct tctgaggcgg aaagaaccag 2700
121 ctggggctcg agggggatcc ccacgctaga gctgactata ataataaaac gccaaactttg 2760
123 acccggaacg cggaaaacac ctgagaaaaa cacctgggag agtctccacg taaacggtca 2820
-> 125 aagtccccgc ggccctagac aaatatta 2846

```

2846

counted 2848

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/556,640

DATE: 11/21/2005  
TIME: 15:10:58

Input Set : N:\SMITH\PTO.TS1.txt  
Output Set: N:\CRF4\11212005\J556640.raw

valid Line Length:

Rules require that a line not exceed 72 characters in length. This includes spaces.

Line(s) 5

Error Explanation

Feature(NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.

Feature of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence"

"Unknown". Please explain source of genetic material in <220> to <223>

description (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32)

Section 1.823 of new Rules)

Line(s): 1

## VERIFICATION SUMMARY

DATE: 11/21/2005

PATENT APPLICATION: US/10/556,640

TIME: 15:10:58

Input Set : N:\SMITH\PTO.TS1.txt

Output Set: N:\CRF4\11212005\J556640.raw

10 M:270 C: Current Application Number differs, Replaced Current Application Number  
12 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
28 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1  
30 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:1, <213> ORGANISM:Artificial  
quence  
30 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:1, <213> ORGANISM:Artificial  
quence  
30 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:30  
125 M:254 E: No. of Bases conflict, LENGTH:Input:2846 Counted:2848 SEQ:1